

REMARKS

This is a full and timely Response to the outstanding non-final Office Action mailed June 18, 2003 (Paper No. 15). Claims 1-33 are pending in the present Application. Herein, claims 1, 2, 7, 10, 15, 18, 23, 26, and 31 are directly amended. Reconsideration and allowance of the Application and presently pending claims, as amended, are respectfully requested.

I. Examiner Interview

Applicants wish to express their sincere appreciation for the time the Examiner spent with Applicants' representative, attorney Minh Nguyen, during a telephone discussion on June 30, 2003, regarding the outstanding Office Action (Paper No. 15) and claim 1. Applicants' representative discussed with the Examiner that one of the unique features of the application, among others, is the local level shifter being in the radio frequency module. The Examiner suggested that the claim should indicate that the local level shifter is in the radio frequency module and indicated that the cited references fail to disclose the local level shifter being in the radio frequency module. Applicants provided an Amendment to the Claims for Discussion Purposes Only to the Examiner, and the Examiner agreed that the amendment would place the claims in condition for allowance. This Response includes the amendment as agreed to by the Examiner.

II. Response To Claim Rejections Under 35 U.S.C. §103

In the Office Action, claims 1-33 stand rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 5,297,208, to *Rose, et al.* in view of U.S. Patent No. 5,705,940, to *Newman, et al.*

It is well established at law that, for a proper rejection of a claim under 35 U.S.C. §103 as being obvious based upon a single reference, the reference must disclose, teach, or suggest, either implicitly or explicitly, all elements/features/steps of the claim at issue. *See, e.g., In Re Dow Chemical*, 5 U.S.P.Q.2d 1529, 1531 (Fed. Cir. 1988), and *In re Keller*, 208 U.S.P.Q.2d 871, 881 (C.C.P.A. 1981).

A. Claims 1, 10, 18, and 26

Claim 1, as amended, includes "the local level shifter is configured to maintain the shifted control signal in the radio frequency module while the radio frequency module is operating in a shutdown mode" (Emphasis Added). As indicated by the Examiner, the cited references fail to

disclose, teach or suggest the local level shifter being in the radio frequency module. Applicants respectfully submit that the cited references do not disclose, teach or suggest the above-quoted feature of claim 1. Consequently, Applicants respectfully request that claim 1 be allowed and that the rejection be withdrawn.

Claim 10, as amended, includes “means for maintaining the shifted control signals in the radio frequency module while the radio frequency module is operating in the shutdown mode” (Emphasis Added). The Examiner indicated that the cited references fail to disclose, teach or suggest the local level shifter being in the radio frequency module. Applicants respectfully submit that the cited references also fail to disclose, teach or suggest a system comprising the “means for maintaining the shifted control signals in the radio frequency module,” as defined in claim 10. Consequently, Applicants respectfully request that claim 10 be allowed and that the rejection be withdrawn.

Claim 18, as amended, includes “maintaining the shifted control signals in the radio frequency module while the radio frequency module is operating in the shutdown mode” (Emphasis Added). The Examiner indicated that the cited references fail to disclose, teach or suggest the local level shifter being in the radio frequency module. Applicants respectfully submit that the cited references also fail to disclose, teach or suggest a method comprising the step of “maintaining the shifted control signals in the radio frequency module,” as defined in claim 18. Consequently, Applicants respectfully request that claim 18 be allowed and that the rejection be withdrawn.

Claim 26, as amended, includes “logic for maintaining the shifted control signals in the radio frequency module while the radio frequency module is operating in the shutdown mode” (Emphasis Added). The Examiner indicated that the cited references fail to disclose, teach or suggest the local level shifter being in the radio frequency module. Applicants respectfully submit that the cited references also fail to disclose, teach or suggest a computer readable medium having a program comprising the “logic for maintaining the shifted control signals in the radio frequency module,” as defined in claim 26. Consequently, Applicants respectfully request that claim 26 be allowed and that the rejection be withdrawn.

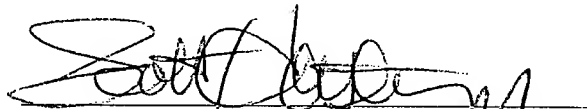
B. Claims 2-9, 11-17, 19-25, and 27-33

Applicants respectfully submit that dependent claims 2-9, 11-17, 19-25, and 27-33 contain all features of their independent claims 1, 10, 18, and 26, respectively. Since independent claims 1, 10, 18, and 26 are allowable, dependent claims 2-9, 11-17, 19-25, and 27-33 are allowable as a matter of law for at least this reason. *In re Fine*, 837 F.2d 1071 (Fed. Cir. 1988).

CONCLUSION

In light of the foregoing amendments and for at least the reasons set forth above, Applicants respectfully submit that all objections and/or rejections have been traversed, rendered moot, and/or accommodated, and that the now pending claims 1-33 are in condition for allowance. Favorable reconsideration and allowance of the present application and all pending claims are hereby courteously requested. If, in the opinion of the Examiner, a telephonic conference would expedite the examination of this matter, the Examiner is invited to call the undersigned at (770) 933-9500.

Respectfully submitted,


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